

Claims

What is Claimed is:

1. A rotary press comprising a printing unit made of a set of printing cylinders such as plate and blanket cylinders or plate and impression cylinders for printing paper; and a dryer disposed downstream of the printing unit for drying the paper printed, characterized in that a guide roller is included therein for guiding the printed paper from the printing unit into the dryer wherein the guide roller has a diameter which is equal to, or an integral multiple of, a diameter of a printing cylinder in the printing unit and is adapted to rotate synchronously with the printing cylinder and at a peripheral speed that is identical to that at which the printing cylinder is rotated.

2. A rotary press as set forth in claim 1, comprising a plurality of paper feeders, a plurality of such printing units as aforesaid and the dryer which together form a multiweb rotary press wherein the paper feeders for supplying a plurality of webs, respectively, are disposed in line in a direction generally in which the webs are supplied individually therefrom and the printing units for printing the webs, respectively, are disposed in line in a direction generally in which the webs from the paper feeders are to travel therethrough individually whereby the webs are printed in parallel with one another, and the printed webs are then dried and thereafter placed one on top of another to form a product therefrom, characterized in that the web printed through the printing unit that is the downstreammost is passed directly into the drier and that said guide roller is disposed downstream of each of the other printing units for guiding each of the other webs printed by them respectively so as to bypass those printing units or unit located downstream of them respectively and then to travel into the dryer.

3. A rotary press as set forth in claim 1 or 2, characterized in that the printing cylinder in a said printing unit and the guide roller are each made replaceable so that there is a replacement guide roller that can be replaced with in confirmation of a diameter of a replacement printing cyl-

inder when replaced with.

4. A rotary press as set forth in any one of claims 1 to 3, characterized in that a said printing unit is constituted with a perfecting printer.